



HADIL AFFES

Officially graduated from the Higher Institute of Computer Science, in search of a work-study program. I am passionate about Machine Learning, Image Processing and Robotics. Extremely motivated to develop my skills and improve my knowledge.

CONTACT

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EDUCATION

Higher Institute of Computer Science
Bachelor's degree of embedded systems |
2019-2022

Mathematics baccalaureate 2019

SKILLS

- Operating System: Linux
- Programming Languages: C/ Java/ Python(Pandas, Matplotlib, Keras, Numpy, Flask)/ VHDL
- Mobile: Android studio
- Logiciels de conception électrique: Proteus/ Fritzing
- Electronic card: Arduino/ Raspberry pi/ FPGA.
- Database: MySQL/ Postgres
- Other: OpenCV/ Git/ Illustrator/ UML/ Agile Methodology/ Machine Learning(CNN, KNN, RNN)/ Tensorflow.

LANGUAGES

- Arabic: mother Tongue
- French: bilingue
- English: practical knowledge

INTERESTS

- Playing guitar (level 6)
- Cycling
- Rowing

PROFESSIONAL EXPERIENCE

Graduation Internship

Tunisian Cloud | 01February2022-31May2022

- Project: Visual Chatbot:
 - Develop a chatbot understand the content of an image (object or text) sent on social media and to build a response based on "Deep Learning" techniques.
 - Object detection and classification using CNN.
 - Extract data from images.
- Key words: OpenCV, Python, API Facebook, webhook, CNN, Pytorch, Tesseract OCR, PostgreSQL/ K-nearest neighbor

Summer Internship

DITRIOT Consulting | 01Jully2021-07September2021

- Extraction and translation data from images (ID cards)
- Key words: OpenCV, Python, API, RESTful API, Image Processing, Machine Learning, Tesseract OCR.

Manage an online coffee project

2021

- Key words: illustrator/ Photoshop/ réseaux sociaux

Summer Internship

B2M-IT | 15Jully2020-15Aout2020

- Research internship on near field communication technology (NFC)
- Key words: Arduino, RFID, Fritzing, Wireless communication.

CERTIFICATIONS, COMPETITIONS & PROJECTS

- Project: Flask app with one route that connects to a Google Sheets Spreadsheet and send an automatic email

Key words: Flask/ Python

- Project: Controlling a hand using computer vision
- Key words: Artificial Intelligence, Python, OpenCv, Cvzone, Arduino
- "Scrum Fundamentals" Certified by SCRUMstudy
- "IEEE FST ROBOTS 3.0" competition
- "Intro to Deep Learning" course certified by Kaggle.
- Freeways ISI competition (Line follower)
- "IOT meets AI" HACKATHON hosted by IEEE sup'com student branch.
- "IEEE FST ROBOTS 2.0" competition (line follower)

VOLUNTARY EXPERIENCE

2020/2021

- Head of Robotics & IOT department at Freeways ISI.
 - Lead robotics workshops.
 - Guide teams in their first steps with Arduino
 - Participate in the organization of Robotics competition.
- Vice President at Artbox club.
- Member at Google developer student club.

2019/2020

- Robotics team leader at Freeways ISI
- General secretary at Artbox Isi club.
- Member of the human resources department Securinets Isi.
- Participate in sponsorship and logistics actions.